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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/891,200	06/26/2001	Eugene S. Smotkin	491712000100	9382

25227 7590 05/27/2005

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EXAMINER

ALEJANDRO, RAYMOND

ART UNIT PAPER NUMBER

1745

DATE MAILED: 05/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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09/891200

EXAMINER

ART UNIT	PAPER NUMBER
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1745

05/24/05

DATE MAILED:

INTERVIEW SUMMARY

All participants (applicant, applicant's representative, PTO personnel):

(1) Eugene S. Smothkin

(3) Raymond Alejandro

(2) Kate H. Murashige

(4)

Date of Interview 05/24/05

Type: ☐ Telephonic ☐ Televideo Conference ☒ Personal (copy is given to ☒ Applicant ☒ Applicant's representative).

Exhibit shown or demonstration conducted: ☐ Yes ☐ No If yes, brief description:

Agreement ☐ was reached. ☐ was not reached.

Claim(s) discussed: all

Identification of prior art discussed: Smothing et al '669 & WO'777 publication

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: applicant wanted to discuss

what appears to be the difference between the prior art and the claimed invention; particularly the specific ^{component} ~~proton conducting membrane~~ having proton conductivity within the gap of Figure 2 (i.e. specific temperature range). Additionally, it was proposed to further amend the claims to specifically recite that the coating consists of an inorganic material that contains no liquid phase as well as to change the lowest point of the temperature range to 220°C. Applicant contended that the prior art (A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

☐ It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary. A FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

Examiner Note: You must sign this form unless it is an attachment to another form.

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prior art does ~~include~~ include the use of either organic materials or materials containing a liquid phase. It appears that the proposed amendment overcomes the prior art of record. However, applicant was advised that further search and/or consideration is required; as well as the potential for rejection based upon the combination of references encompassing the same claimed structure; and the point that the recitation "an inorganic material" still covers a very broad range of materials. Applicant is encouraged to specifically explain how the specification does enable to operate at the highest temperature points (i.e. greater than 500°C).
RAM 05/23/05